

# STAR/NERSC Computing

*Craig E. Tull*

*Lawrence Berkeley National Lab*

## CSD Reorganization

- “coherent integration of our national facilities and computer science research”
- “major thrust of the NERSC R&D program will be in high performance computing including *data management and data intensive computing.*” - C. William McCurdy (August 11, 1997)



## HPSS/Objectivity Connection

- Objectivity/BaBar using the NERSC HPSS facility as the test bed for access to HPSS mounted files from Objectivity.
- Awaiting C++ compiler on AIX bit movers
- SC97 (San Jose; 15-21 November 1997)
  - proof of concept to be completed
  - presentation at SC97 (poster?)
  - no demo

## PDSF/DPSS/HPSS LDRD

- Hardware and network connections in place
  - 4 DPSS file servers (Sun Ultra)
  - 4 HPSS bit-file movers (RS-6000/E30)
  - 100 Mb EtherNet switches
  - ATM (OC12/4\*OC3) connection to NTON
    - to be connected to ESNET in future
- Tape striping vs. independent tapes

### Prototype STAR Analysis Configuration

